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› AXEFIT Heavy-Duty Electric Wheelchair F20 User Manual

AXEFIT F20

AXEFIT Heavy-Duty Electric Wheelchair F20 User Manual

Model: F20

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your AXEFIT Heavy-Duty Electric Wheelchair F20. Please read this manual thoroughly before using the wheelchair and retain it for future reference.



Figure 1: AXEFIT F20 Heavy-Duty Electric Wheelchair in its operational state.

2. SAFETY FEATURES

The AXEFIT F20 Electric Wheelchair is designed with multiple safety features to ensure user security and reliability. These include anti-tip wheels, an electromagnetic brake controller, and adjustable waist and leg safety belts. The wheelchair is also equipped with a light for enhanced visibility during nighttime travel.

- **Anti-Tip Wheels:** Provides stability and prevents tipping on inclines.
- **Electromagnetic Brake System:** Ensures immediate and secure stopping.
- **Safety Belts:** Adjustable waist and leg belts for user security.
- **Integrated Light:** Enhances visibility for safe operation in low-light conditions.

Electronic Brake System



Figure 2: Illustration of the electronic brake system and anti-tip wheels for enhanced safety.

3. SETUP AND ASSEMBLY

Your AXEFIT F20 Electric Wheelchair comes largely pre-assembled. Follow these steps to prepare it for first use:

1. **Unboxing:** Carefully remove the wheelchair from its packaging. Ensure all components are present: wheelchair frame, battery, charger, anti-tip wheels, and user manual.
2. **Unfolding the Frame:** Fully unfold the wheelchair frame until it locks into place. Press down and lock any safety clips to secure the frame.
3. **Installing Anti-Tip Wheels:** Press the spring pin on the anti-tip wheel assembly and insert it into the designated slot at the rear of the wheelchair. Ensure it clicks securely into place.
4. **Installing the Controller:** Unscrew the armrest bolt, install the joystick controller onto the armrest, and then re-tighten the bolt. Attach the cable clip to manage the controller's wiring.
5. **Installing the Battery:** Take the battery out of its packaging. Install the battery into the power box located beneath the seat. Ensure it is securely seated.

6. **Adjusting Seat and Footrest:** Adjust the seat and footrest to a comfortable position. The footrest can be lowered for use.

3.1 Unboxing and Assembly Video

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Video 1: This video demonstrates the unboxing and initial assembly steps for the electric wheelchair, including attaching the controller and anti-tip wheels.

3.2 Seat and Footrest Details Video

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Video 2: This video provides a detailed look at the seat and footrest components, showing how to adjust them for user comfort.

4. OPERATING INSTRUCTIONS

The AXEFIT F20 features a user-friendly 360° joystick for easy maneuvering and an electronic brake system for reliable stopping.

4.1 Joystick Control

The 360° joystick can be mounted on either the left or right side to accommodate your dominant hand. It allows for smooth speed changes and flexible operation.

360° UNIVERSAL JOYSTICK

Easy operate controller for senior,
with smooth speed changes and flexible operation



- ① Control Lever
- ② SOS
- ③ Mute Switch
- ④ Speed +
- ⑤ Speed -
- ⑥ Speed Display
- ⑦ Horn
- ⑧ Power Switch
- ⑨ Battery Level Display

Figure 3: Detailed view of the 360° universal joystick controller with labeled functions.

- **Control Lever:** Move to control direction and speed.
- **SOS Button:** For emergency alerts.
- **Mute Switch:** To silence system sounds.
- **Speed + / Speed -:** Adjust speed levels.
- **Speed Display:** Indicates current speed setting.
- **Horn:** Activate for audible warning.
- **Power Switch:** Turn the wheelchair on/off.
- **Battery Level Display:** Shows remaining battery charge.

4.2 Operating the Joystick Video

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Video 3: This video demonstrates how to operate the joystick controller for movement and speed adjustments.

4.3 Electronic Brake System

The wheelchair is equipped with an electromagnetic brake system that engages automatically when the joystick is released, ensuring a safe stop. Additionally, a clutch brake allows for switching between electric and manual modes.

4.4 Clutch Brake Operation Video

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Video 4: This video illustrates how to engage and disengage the clutch brake to switch between electric and manual modes.

4.5 Folding and Unfolding

The wheelchair can be quickly folded in approximately 3 seconds for transport or storage. To fold, ensure the footrest is up and engage the safety lock. Push downward on the seat to collapse the frame. To unfold, reverse the process, pushing forward until the frame locks securely.



3 Seconds Folding



Put in the Trunk



Put it in the Corner

Figure 4: Visual guide demonstrating the 3-second folding mechanism of the electric wheelchair.

4.6 Folding the Wheelchair Video

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Video 5: This video demonstrates the process of folding the F20 electric wheelchair for storage or transport.

4.7 Preview of Folding and Unfolding

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Video 6: A short preview demonstrating the quick folding and unfolding of the lightweight electric wheelchair.

5. MAINTENANCE

5.1 Battery Charging

The upgraded lithium battery can be removed for charging or charged directly on the wheelchair. A full charge allows for travel of more than 20 miles. Charging typically takes approximately 5 hours.

Long - Lasting Lithium Battery

Equipped with Dual Charging Options



Figure 5: The long-lasting lithium battery, highlighting its dual charging options.

5.2 Removing the Battery Video

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Video 7: This video demonstrates the procedure for safely removing the battery from the F20 wheelchair.

5.3 Replacing the Battery Base Video

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Video 8: This video provides instructions on how to replace the battery base of the wheelchair, including necessary tools and steps.

5.4 General Care

Regularly inspect the wheels, frame, and electrical connections for any signs of wear or damage. Keep the wheelchair

clean and dry. Avoid exposing the wheelchair to extreme temperatures or moisture for prolonged periods.

6. TROUBLESHOOTING

If you encounter any issues with your AXEFIT F20 Electric Wheelchair, please refer to the following general troubleshooting tips:

- **Wheelchair not powering on:** Ensure the battery is fully charged and correctly installed. Check the power switch on the joystick.
- **Wheelchair not moving:** Verify that the clutch brake is engaged in electric mode. Check for any obstructions around the wheels. Ensure the joystick is functioning correctly.
- **Unusual noises:** Inspect wheels and moving parts for debris or loose components.
- **Reduced range:** Ensure the battery is fully charged before each use. Battery performance can be affected by temperature and terrain.

For persistent issues, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	37"D x 23.6"W x 41.4"H (Unfolded)
Folded Dimensions	30"L x 12"W x 24"H
Item Weight	68 Pounds
Weight Capacity	350 LBS
Motor Power	500W (Dual Motor)
Battery Type	Upgraded Lithium Battery
Range	15+ Miles (Upgraded Lithium Battery: 20+ Miles)
Front Wheel	8-inch tire-free aluminum alloy wheel
Rear Wheel	12-inch tire
Brake System	Electronic Brake System

PRODUCT SIZE

Weight capacity
350lbs



Figure 6: Detailed product dimensions and weight capacity for the F20 wheelchair.

8. WARRANTY AND SUPPORT

AXEFIT provides a warranty on product quality. If you have any questions or problems with your electric wheelchair, please contact our customer support team.

- **24h Email Support:** AXEFIT-service@outlook.com
- **7-Day Online Phone Support:** Mon-Sun 9AM-5PM (EST) +1 (417) 807-2641

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question